

SR-001MK2

Electrostatic In-The-Earspeakers System

OWNER'S MANUAL

Thank you for choosing the STAX In-The-Earspeakers system.
Please read this owner's manual carefully for ultimate performance and trouble-free operation for a long time.



The SR-001Mk2 contains high voltage circuitry.
It is dangerous to disassemble or to remodel it.

STAX®

1. Outline of the Earspeakers

The Earspeakers are the fruit of the most up-to-date technology and about 40-year's experience of STAX that first developed and manufactured the electrostatic headphones, that is the first "Earspeakers", in the world.

Differently from ordinary headphones, the Earspeakers are equipped with neither magnet nor coil, but utilize electrostatic force to generate sophisticated sound. In detail, the core of Earspeakers are composed of a thin diaphragm (oscillatory film) to which a DC voltage of 580V is supplied.

When audio signal is supplied to the electrodes, an electrostatic force is generated that drives the diaphragms to reproduce the sound. Thanks to this operation principle, the Earspeakers reproduce sound very naturally and delicately in all nuances.

2. General Instructions

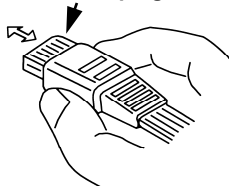
STAX driver unit operates with a HIGH VOLTAGE (580Vdc) . This electrical current will turn on when the cord-plug of the Earspeakers is inserted into the STAX driver unit.

- For your safety, do not disassemble the Earspeakers or driver unit. Any tampering with the internal components of the Earspeakers or the driver unit by anyone other than an authorized repair person shall void all warranties.
- Turn off power before starting unit or plugging or unplugging cord. Grasp connector firmly to plug or unplug cord. Do not bend, pull or twist Earspeakers cord.
- Do not use while driving car, riding bicycle or performing any activity where the operator must be attentive to sounds in the vicinity. In some areas, the use of Earspeakers or headphones while engaging in activities such as driving and bicycling may be prohibited.
- While walking, do not turn volume too high. You may not be able to hear other "outside" warning sounds.
- Shock hazard. Do not expose Earspeakers or driver near metal or liquid that may cause a short circuit.
- Do not touch output terminals.
- Do not drop unit.
- In use, place the equipment away from vibration and impact from other items.
- Avoid direct sunlight, water, moisture, dust, or heat. (Stay away from stove/heater) .

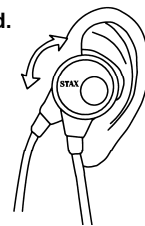
3. In using the SR-001MK2

- Remove the battery cover on the rear side of driver unit and place the batteries supplied.
The LED indicator lights when you connect the cord of Earspeakers (S-001MK2) to the driver unit (SRM-001) and switch on.
- Use the head band ass'y for stable and comfortable mounting.
Insert the ear pads, medium or large ones, in ear canal and fix them up at the most fitting points.
You will get incredibly good sound without distortion as well as maximum bass response.
- Because the ear pads of Earspeakers are completely airtight the diaphragms are most susceptible to the air pressure difference between internal and external barometric conditions.
These conditions can lead to minor noises emitting from the Earspeakers when positioning on and off the head.
This noise will in no way damage the Earspeakers or in any way effect the performance.

Put the plug in the output terminal with the rounded corner right and upward.



When unplugging, be sure to hold the plug, not the cord.





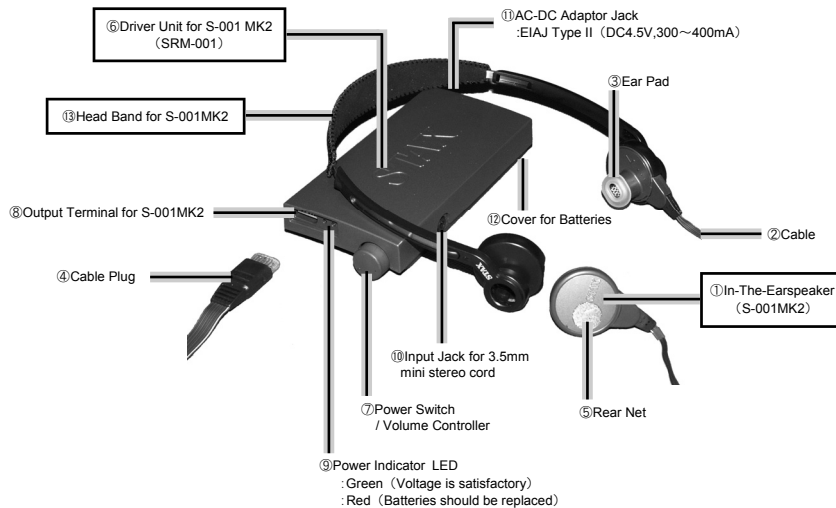
Warning

Battery Cautions

- Replace batteries with same type. Do not mix.
- Use correct polarity when replacing batteries.
- Do not mix new with old batteries.
- Do not mix rechargeable with regular batteries.
- Do not wet batteries or contact areas.
- Do not heat batteries or place in fire.
- Do not disassemble or modify batteries.
- Do not short batteries.
- Keep all batteries away from children.
- Remove batteries when not using driver for a long period of time.
- When batteries leak, clean terminals in unit and replace with new batteries.
- Wash hands carefully after touching leaky batteries and/or contacts.

4. Name of Main Parts

- | | |
|--------------------------------------|--|
| ① In-The-Earspeakers (S-001MK2) | ⑨ Power Indicator LED |
| ② Cable | : Green (Voltage is satisfactory) |
| ③ Ear Pad (Medium and Large sizes) | : Red (Batteries should be replaced) |
| ④ Cable Plug | ⑩ Input Jack for ϕ 3.5mm Mini Stereo Cord |
| ⑤ Rear Net for Protection | ⑪ AC-DC Adaptor Jack |
| ⑥ Driver Unit for S-001MK2 (SRM-001) | : EIAJ Type II (DC4.5V,300~400mA) |
| ⑦ Power Switch/Volume Controller | ⑫ Cover for Batteries |
| ⑧ Output Terminal for S-001MK2 | ⑬ Head Band for S-001MK2 |



5. Package contents

- S-001MK2 X 1 (In-The-Earspeakers with Ear Pads, Large size X 2)
- SRM-001 X 1 (Driver Unit)
- Battery X 2 (Size AA)
- Ear Pad, medium size X 2
- Head Band X 1

6. Specifications

S-001MK2 (Earspeakers)

- Type : Electrostatic Canal Type In-The-Earspeakers/ Pushpull Driving
- Frequency Response : 20Hz-1KHz \pm 2dB, 1KHz-20KHz \pm 4dB
- Capacitance : 44pF with cord, 17pF without cord
- Impedance : 360K Ω /10KHz
- Maximum Sound Pressure Level : 119dB/1KHz
- Standard Bias Voltage : 580V/DC
- Recommended Environment : 5°C-35°C, 20%-70% Relative Humidity (No Icing Condition)
- Left & Right Indications : On the rear side of Earspeaker L and 3 dots are embossed for left channel, while R for right channel. Red tape is also rolled on the entry point of the cable for right channel.

- Ear pad : Made of Silicon Rubber/2 Sizes (Medium & Large)
- Cord : 6-Core Parallel /1.5m OFC (4 feet 11 inches)
- Weight & Size : 28g with Cord, 12g without Cord, 28mm Diameter
(0.9 Ounce with Cord, 0.39 Ounce without Cord, 1.1 inch Diameter)

SRM-001 (Driver Unit)

- Type : Driver Unit for Electrostatic Earspeakers
- Frequency Response : 5-20KHz/+0. -3dB (10V r.m.s. Output Driving)
- Gain : 54dB
- Harmonic Distortion : 0.1% (1KHz/100V r.m.s. Output Driving 1: S-001 MK2)
- Input Impedance : 10K Ω
- Standard Input Level : 100mV (for 50V Output)
- Maximum Output Level : 240V r.m.s./1 KHz
- Power Consumption : 1.3W/4.5V (AC-DC Adaptor Operation),
0.8W/3V Battery Operation
- Minimum Voltage : 2.05V \pm :0.05V (Green LED changes to Red.)
- Recommended Environment : 5°C-35°C, 20%~70% Relative Humidity (No Icing Condition)
- Size : 60mm (W) x 24mm (H) X 120mm (D)
{2.3 inch (W) X0.94 inch (H) x4.7 inch (D) }
- Weight : 102g without Batteries, 140g with 2 Dry Cell Batteries
(3.6 Ounce without Batteries, 4.94 Ounce with 2 Dry Cell Batteries)
- Battery Size : AA (Rechargeable or Non Chargeable Battery \times 2 pcs)

Specifications & appearance are subject to change without prior notice.

7. In case of trouble

Return the equipment to your dealer/distributor for service when you experience something wrong such as smell, smoke, abnormal noise, distortion, imbalanced volume, liquid spillage or the fall of an alien substance into the equipment.

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